

## APPENDIX

### Visual Inspection Items - Alphabetical

This list is intended as a quick reference, alphabetical by material name, for materials which normally require some form of testing but have VI quantities listed. It does not include materials which are accepted by VI basis only.

### Visual Inspection Items - By Specification Number

This list is intended as a quick reference, by specification number for materials which normally require some form of testing but have VI quantities listed. It does not cover materials which are accepted on a VI basis only.

This Visual Inspection Items List is in accordance with the 2012 Standard Specification for Construction.

## VISUAL INSPECTION ITEMS - Alphabetical

<u>SEC.</u>	<u>MATERIAL</u>	<u>MAXIMUM V.I.</u>
Misc.	ABS Pipe	600 ln ft
919	Aluminum Sheet	100 sq ft
902	Aggregate, Coarse	100 tons
902	Aggregate, Dense-Graded	500 tons
902	Aggregate, Fine	100 tons
902	Aggregate, Open-Graded	100 tons
904	Asphalt, Liquid (RC-250)	5 gal - 150 lbs
905	Bar Reinforcement (all)	500 lbs
914	Bituminous Fiber Joint Filler	150 sq ft
501	Bituminous Mixtures	500 tons/project/mix
914	Bolts for Structure Exp. Anchor	250 units
914	Bond Release	20 gal max
922	Calcium Chloride Solids	5000 lbs
922	Calcium Chloride Solutions	1000 gals
Misc.	Cast & Ductile Iron Pipe	250 ft
901	Cement	45 tons
Misc.	Clay Pipe	10 pcs
913	Clay and Sand Lime Brick	1000 pcs
913	Concrete Block	1000 pcs
913	Concrete Brick	1000 pcs
909	Concrete Pipe, Non-Reinforced	10 pcs
909	Concrete Pipe, Reinforced & Elliptical	5 pcs of 42 in dia or less
Misc.	Corrugated Galv. Steel Plates	10 plates
909	Corrugated Aluminum Sheets	25 sheets
909	Corrugated Aluminum Alloy Pipe	250 ln ft
909	Corrugated Plastic Pipe	<12 in dia 250 ft
	" "	>12 in dia 100 ft
909	Corrugated Plastic Pipe, Smooth Lined	Same as CPP
909	Corrugated Plastic Tubing for Underdrains	250 ft
909	Corrugated Steel Pipe	*
	12" or less	125 ln ft
	15" to 54"	50 ln ft
	60" or greater	25 ln ft
909	Corrugated Steel Pipe for Underdrains	*
909	Corrugated Steel Sheets	*
	12" or less	125 ln ft
	15" to 54"	50 ln ft
	60" or greater	25 ln ft
909	Coupling Bands	5 pcs
914	Deformed Bars	500 lbs
919	Delineator Posts, Steel	80 posts
919	Delineator Reflectors (Plastic and Reflective Sheeting)	25 pcs each color
914	Dowel Bars	240 pcs
918	Electrical Conduit, Plastic	400 ln ft
918	Electrical Conduit, Rigid	400 ln ft
914	Epoxy Binder	5 gals
Misc.	Fiberglass and Bit. Cotton Fabric	5 rolls
910	Geotextile Blanket	360 sq yd
910	Geotextile Liner/ Riprap	360 sq yd
910	Geotextile Liner/Heavy Riprap	360 sq yd
910	Geotextile Stabilizer/Separator	360 sq yd
916	Geotextile Silt Fence	500 ln ft
920	Glass Beads	500 lbs

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## VISUAL INSPECTION ITEMS - Alphabetical

<u>SEC.</u>	<u>MATERIAL</u>	<u>MAXIMUM V.I.</u>
902	Granular, Class I	100 tons
902	Granular, Class II (Subbase)	500 cu yd
902	Granular, Class II (Abutment b.f.)	100 cu yd
902	Granular, Class IIA	500 cu yd
902	Granular, Class III	500 cu yd
902	Granular, Class IIIA	100 cu yd
908	Guardrail Beam Elements/End Sections	125 ln ft
908	Guardrail Posts, Steel	25 posts
918	Handholes, Precast Concrete	10 pcs
907	High Tensile Wire Fence (Wire)	250 ft
903	Insulating Blanket	10 sheets
903	Interim Curing (Linseed Based)	50 gals
914	Joint Assemblies	Fab. Insp. Req./20 assemblies
914	Joint Sealant, Hot Poured	100 lbs
909	Mastic (Cold-Applied Joint Sealer)	10 gals
903	Membrane Curing Compound	200 gals
908	Metallic Waterstop (Sheet Lead & Copper)	25 sq ft
902	Mineral Filler (Bit. Mixes)	10 tons
909	Polyethylene Pipe (Downspouts)	<12 in dia 250 ft
	" "	>12 in dia 100 ft
913	Precast Concrete Bases and Sumps	10 pcs total
918	Precast Concrete Handholes	10 pcs
909	Precast Concrete End Sections	10 pcs
913	Precast Units for Dr. Structures	10 pcs total
909	PVC Pipe (Sanitary Sewer)	600 ft
907	Rail for Braces (Chain Link)	250 ft
919	Reflective Sheeting	1 roll for less than 3" width
905	Reinforcement Steel	500 lbs
917	Seed and Seeding Mixtures	100 lbs
913	Slope Paving Blocks	1000 pcs
909	Smooth Plastic Pipe for Underdrains (Outlet)	250 ft
907	Steel Chain Link Fence Fabric	250 ft
909	Steel End Sections	4 pcs
919	Steel, Galvanized Sign Posts	20 posts
907	Steel Posts/Chain Link Fence	25 line, 25 gate posts
919	Steel Posts/Delineator	80 posts
905	Steel Wire Fabric (Mesh)	500 sq yds
913	Structural Tile	1000 tiles
907	Top Rail (Chain Link)	250 ft
907	Tension Wire	500 ft
914	Tie Bars (Lane Ties)	500 lbs
910	Wall Drain	100 sq ft
912	Wood Fence Posts	25 posts
912	Wood Guide, Guard and Mailbox	25 posts
919	Wood Sign Posts	20 posts

\*See Remarks in Acceptance Requirements Section

## VISUAL INSPECTION ITEMS – by Specification Number

<u>SEC.</u>	<u>MATERIAL</u>	<u>MAXIMUM V.I.</u>
501	Bituminous Mixtures	500 tons/project/mix
901	Cement	45 tons
902	Coarse Aggregate	100 tons
902	Dense-Graded Aggregate	500 tons
902	Open-Graded Aggregate	100 tons
902	Granular, Class I	100 tons
902	Granular, Class II (Subbase)	500 cu yds
902	Granular, Class II (Abutment b.f.)	100 cu yds
902	Granular, Class IIA	500 cu yds
902	Granular, Class III	500 cu yds
902	Granular, Class IIIA	100 cu yds
902	Fine Aggregate	100 tons
902	Mineral Filler (Bit. Mixes)	10 tons
903	Membrane Curing Compound	200 gals
903	Insulating Blanket	10 sheets
903	Interim Curing (Linseed Based)	50 gals
904	Liquid Asphalt (RC-250)	5 gals
905	Bar Reinforcement (all)	500 lbs
905	Steel Wire Fabric (Mesh)	500 sq yds
907	High Tensile Wire Fence (Wire)	250 ft
907	Steel Chain Link Fence Fabric	250 ft
907	Tension Wire	500 ft
907	Top Rail (Chain Link)	250 ft
907	Steel Posts/Chain Link Fence	25 line, 25 gate posts
907	Rail for Braces (Chain Link)	250 ft
908	Metallic Waterstop (Sheet Lead & Copper)	25 sq ft
908	Guardrail Beam Elements/End Sections	125 ft
908	Guardrail Posts, Steel	25 posts
909	Reinforced Concrete Pipe & Elliptical RCP	5 pcs of 42 in dia or less:
909	Non-Reinforced Concrete Pipe	10 pcs
909	Corrugated Steel Pipe	*
	12" or less	125 ln ft
	15" to 54"	50 ln ft
	60" or greater	25 ln ft
909	Corrugated Steel Sheets	*
	12" or less	125 ln ft
	15" to 54"	50 ln ft
	60" or greater	25 ln ft
909	Steel End Sections	4 pcs
909	Coupling Bands	5 pcs
909	Corrugated Aluminum Sheets	25 sheets
909	Corrugated Aluminum Alloy Pipe	250 ln ft
909	PVC Pipe (Sanitary Sewer)	600 ln ft
909	Corrugated Plastic Pipe	<12 in dia - 250 ft
	"	>12 in dia 100 ft
909	Corrugated Plastic Pipe, Smooth Lined	Same as CPP
909	Mastic (Cold-Applied Joint Sealer)	10 gals
909	Precast Concrete End Sections	10 pcs
909	Corrugated Steel Pipe for Underdrains	*
909	Smooth Plastic Pipe for Underdrains (Outlet)	250 ln ft
909	Corrugated Plastic Tubing for Underdrains	250 ln ft
909	Polyethylene Pipe (Downspouts)	<12 in dia 250 ft
	"	>12 in dia 100 ft

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## VISUAL INSPECTION ITEMS – by Specification Number

<u>SEC.</u>	<u>MATERIAL</u>	<u>MAXIMUM V.I.</u>
910	Geotextile Blanket	360 sq yd
910	Geotextile Liner/Riprap	360 sq yd
910	Geotextile Stabilizer/Separator	360 sq yd
910	Geotextile Liner/Heavy Riprap	360 sq yd
910	Wall Drain	100 sq ft
912	Wood Fence Posts	25 posts
912	Wood Guide, Guard and Mailbox	25 posts
913	Clay and Sand Lime Brick	1000 pcs
913	Concrete Brick	1000 pcs
913	Concrete Block	1000 units
913	Precast Units for Dr. Structures	10 pcs total
913	Precast Concrete Bases and Sumps	10 pcs total
913	Structural Tile	1000 tiles
913	Slope Paving Blocks	1000 pcs
914	Bituminized Fiber Joint Filler	150 sq ft
914	Hot Poured Joint Sealant	100 lbs
914	Epoxy Binder	5 gals
914	Dowel Bars	240 bars
914	Joint Assemblies	Fab. Insp. Req./20 assemblies
914	Bond Release	20 gal max
914	Deformed Bars	500 lbs
914	Tie Bars	500 lbs
914	Bolts for Structure Exp. Anchor	250 units
916	Geotextile Silt Fence	500 ft
917	Seed and Seeding Mixtures	100 lbs
918	Precast Concrete Handholes	10 pcs
918	Electrical Conduit, Polyethylene	400 ft
918	Electrical Conduit, Rigid	400 ft
919	Aluminum Sheet	100 sq ft
919	Reflective Sheeting	1 roll for less than 3" width
919	Delineator Reflectors (Plastic & Reflective Sheeting)	25 pcs each color
919	Steel Delineator Posts	80 posts
919	Galvanized Steel Sign Posts	20 posts
919	Wood Sign Posts	20 posts
920	Glass Beads	500 lbs
922	Calcium Chloride Solids	5000 lbs
922	Calcium Chloride Solutions	1000 gals
Misc.	ABS Pipe	600 ln ft
Misc.	Clay Pipe	10 pcs
Misc.	Cast & Ductile Iron Pipe	250 ft
Misc.	Fiberglass and Bit. Cotton Fabric	5 rolls
Misc.	Corrugated Galvanized Steel Plates	10 plates

\*See Remarks in Acceptance Requirements Section